

Why does my in-place tooltip dismiss itself as soon as it appears?

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One subtlety in the use of in-place tooltips is that you should create the tooltip with the `WS_EX_TRANSPARENT` extended style.

This style makes the window invisible to hit-testing, which is a good thing here. The code that decides when to show and hide an in-place tooltip goes like this:

```
POINT ptCursor;
GetCursorPos();
HWND hwnd = WindowFromPoint(ptCursor);
if (hwnd == the_thing_that_needs_a_tooltip) {
    show_the_tooltip();
} else {
    hide_the_tooltip();
}
```

If the mouse enters the thing that needs a tooltip, then we show the tooltip. If the mouse leaves the thing that needs a tooltip, then we hide the tooltip.

Now let's see what happens if you forget the extended style.

- What window is the mouse currently over? → The item that needs an in-place tooltip.
- Is that the thing that needs a tooltip? → Yes: Show the tooltip.
- What window is the mouse currently over? → The tooltip window.
- Is that the thing that needs a tooltip? → No: Hide the tooltip.
- What window is the mouse currently over? → The item that needs an in-place tooltip.
- Is that the thing that needs a tooltip? → Yes: Show the tooltip.
- What window is the mouse currently over? → The tooltip window.
- Is that the thing that needs a tooltip? → No: Hide the tooltip.
- ...

Oops, the tooltip keeps flashing in and out.

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